

(Unchanged) 4. Use of a polymer as claimed in claim 3 wherein the magnitude of the fluorescent light emitted from such a fibre is given by the equation  $A_a/A_e=2L/r$  wherein  $A_a$  is the surface area of the fibre and  $A_e$  is the area at which the fluorescent light is emitted.

(Amended) 5. A display comprising a fluorescent dye doped polymer as defined in [any of the preceding claims] Claim 1, consisting of a plurality of fibres which may include individual fibres, a film or a sheet, which polymer when excited by light emits the characteristic colour of the dye, characterised in that the polymer is doped with a combination of dyes.

(Unchanged) 6. A display as claimed in Claim 5 wherein the polymer is doped with two or three dyes.

(Unchanged) 7. A display as claimed in Claim 6 wherein the polymer is doped with Nile Red and Coumarin 6.

(Unchanged) 8. A display as claimed in Claim 6 wherein the polymer is doped with Nile Red 0.04% and Coumarin 6.

(Unchanged) 9. A display as claimed in Claim 6 wherein the polymer is doped with Nile Red 0.04%, Coumarin 6 and Bis-MSB.

(Amended) 10. A display as claimed in [any one of Claims 5 to 9] Claim 5 consisting of a plurality of fibres acting as pixels.

(Amended) 11. A display as claimed in [any one of Claims 5 to 9] Claim 5 in a flat panel conformation wherein the bottom surfaces and edges of the polymer film are covered with a highly reflective additional layer which acts as a mirror performing the role of total internal reflection of all light entering into the polymer.

(Unchanged) 12. A flat panel display as claimed in claim 11 whereby the top surface of the polymer is covered with a dielectric polymer film.